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WPI Acc No: 2000-242847/200021

XRPX Acc No: N00-182954

Internet protocol routing and asynchronous transfer mode
packet switching system, forwards ATM cell to packet forwarding and
routing control ATM circuit or cut through ATM circuit based on flow
situation

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|-------------|------|---------|----------|
| JP 2000059397 | A | 20000225 | JP 98244397 | A | 1998081 | 200021 B |

Priority Applications (No Type Date): JP 98244397 A 19980814

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|---------------|------|--------|---------------|--------------|
| JP 2000059397 | A | | 9 H04L-012/28 | |

Abstract (Basic): JP 2000059397 A

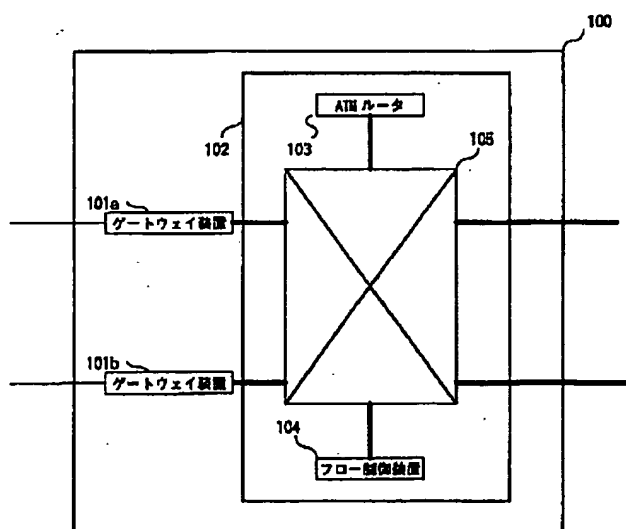
NOVELTY - The asynchronous transfer mode (ATM) cell is decompressed based on packet input via ATM switch from gateway apparatus. The address of packet is determined based on routing protocol and the packet is converted to the ATM cell and output to ATM switch. The ATM cell is forwarded to packet forwarding and routing control ATM circuit or cut through ATM circuit based on flow situation.

USE - Internet protocol routing and asynchronous transfer mode packet switching system for packet communication.

ADVANTAGE - Reduces process retardation in connection with cut through establishment and release. Provides packet switching system with high packet switch capability. DESCRIPTION OF DRAWING(S) - The figure shows the packet switching system.

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Title Terms: PROTOCOL; ROUTE; ASYNCHRONOUS; TRANSFER; MODE; PACKET; SWITCH;
SYSTEM; FORWARD; ATM; CELL; PACKET; FORWARDING; ROUTE; CONTROL; ATM;
CIRCUIT; CUT; THROUGH; ATM; CIRCUIT; BASED; FLOW; SITUATE

Derwent Class: W01

International Patent Class (Main): H04L-012/28

International Patent Class (Additional): H04Q-003/00

File Segment: EPI

Manual Codes (EPI/S-X): W01-A06; W01-B

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